

## ABSTRACT

The invention relates to the use of one or more antimicrobial metals selected from silver, gold, platinum, and palladium but most preferably silver, preferably formed with atomic disorder, and preferably in a nanocrystalline form, for the treatment of a acne. The nanocrystalline antimicrobial metal of choice may be used in the form of a nanocrystalline coating of one or more antimicrobial metals, a nanocrystalline powder of one or more antimicrobial metals, or a solution containing dissolved species from a nanocrystalline powder or coating of one or more antimicrobial metals.